

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(non-XML adj markup)".CLM"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/28 09:22
L2	0	(non-XML adj markup)".CLM."	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/28 09:22
L6	0	(copy adj (non-XML adj markup)).CLM.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/28 09:30
S1	1268	XML and rows and cell and Microsoft	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/28 09:21
S2	829	S1 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/26 12:05
S3	1	S2 and excell	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/19 13:34
S4	272	S2 and excel	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/19 13:34
S5	146	S4 and copy and paste	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/19 13:35
S6	145	S5 and table\$1	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/19 13:35
S7	1	XML SAME rows SAME cell SAME copy	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/19 14:27
S8	0	("2006/0015839").URPN.	USPAT	OR	ON	2006/06/19 14:27
S9	1121	XML and rows and cell and copy	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 10:30

10  
3/28/2007

## EAST Search History

S10	743	S9 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/19 15:18
S11	474	S10 and pars\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/19 14:30
S12	693	S10 and table	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/19 15:17
S13	17	("20020198985"   "20030167213"   "4674043"   "5423032"   "5737592"   "5838965"   "5999944"   "6014661"   "6026388"   "6223189"   "6317750"   "6349307"   "6366915"   "6370549"   "6460059"   "6493717"   "6615258").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 14:50
S14	1	("6920608").URPN.	USPAT	OR	ON	2006/06/19 14:50
S15	391	(715/503).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/19 15:18
S16	320	S15 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/19 15:18
S17	2	("6871319").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/20 10:23
S18	1065	XML and row\$1 and cell\$1 and copy and table\$1	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 12:23
S19	2	S17 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 09:11
S20	707	S18 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 10:57
S21	315	S20 and replicat\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 10:34

## EAST Search History

S22	227	S20 and excel	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 10:35
S23	446	XML and row\$1 and cell\$1 and copy and table\$1 and (spreadsheet\$1 (spread ADJ sheet\$1))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 10:56
S24	332	S23 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 12:24
S25	8861	XML and table\$1 and edit\$5	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 11:36
S26	5808	S25 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 11:36
S27	358	S26 and copy and past\$3 and cell and row	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 18:51
S28	4	("6549878").URPN.	USPAT	OR	ON	2006/06/20 11:59
S29	2	("20020049784").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/20 11:59
S30	255	S18 and ((select\$3 click\$3) NEAR3 (row\$1 column\$1))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 12:24
S31	161	S30 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/20 14:57
S32	2	("20030005410").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/20 14:59
S33	2	("20040153449").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/20 14:59
S34	28	Hind and (XML NEAR2 parser)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 18:54

## EAST Search History

S35	26	S34 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 18:54
S36	17	Hind and (XML NEAR2 parser) and table	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 19:29
S37	15	S36 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 18:57
S38	43	(XML NEAR2 parser) with table	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 18:57
S39	28	S38 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 19:38
S40	3	XML with parser with table with row	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 19:37
S41	1857	(XML NEAR\$2 parser) SAME table SAME row	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 19:38
S42	1483	S41 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/21 19:38
S43	2	("6635088").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/25 16:37
S44	2	("20020038320").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/25 16:37
S45	2	("5303146").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/26 12:04
S46	15	quatropo	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/26 12:04

## EAST Search History

S47	11	S46 and @ad<"20031209"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/26 12:05
S48	2	("5033009"   "5121499").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/26 14:43
S49	23	("5303146").URPN.	USPAT	OR	ON	2006/06/26 14:44
S50	2	("6549878").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/27 17:03
S51	0	("2005/0091231").URPN.	USPAT	OR	ON	2007/03/21 09:23
S52	612	(pars\$3 with XML) AND spreadsheet\$1	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 10:04
S53	243	S52 and (row\$1 and column\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 09:30
S54	183	S53 and (@ad<"20031209" or @rlad<"20031209")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 10:03
S55	105	S54 and (replicat\$3 or copy\$3)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 09:28
S56	169	S52 and (row\$1 and column\$1 and size)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 09:28
S57	131	S56 and (@ad<"20031209" or @rlad<"20031209")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 09:28
S58	88	S57 and (replicat\$3 or copy\$3)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 09:28
S59	23	(pars\$3 with XML) with spreadsheet\$1	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 09:29

## EAST Search History

S60	18	S59 and (@ad<"20031209" or @rlad<"20031209")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 09:30
S61	0	S60 and (row\$1 and column\$1 and size)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 09:30
S62	10	S60 and (row\$1 and column\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 10:03
S63	464	(715/503).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/03/21 10:03
S64	385	S63 and (@ad<"20031209" or @rlad<"20031209")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/23 17:36
S65	16	S64 and (pars\$3 with XML) AND spreadsheet\$1	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 10:04
S66	16	S64 and ((pars\$3 with XML) AND spreadsheet\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/21 10:04
S67	30	table\$1 SAME row SAME (copy or replicat\$3) SAME XML	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 09:11
S68	18	S67 and (@ad<"20031209" or @rlad<"20031209")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 10:24
S69	10	S68 and ((replicat\$3 or cop\$4) with row\$1)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 10:26
S70	3	("6912690").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/03/23 10:22

## EAST Search History

S71	28	("20020007380"   "20020065848"   "20020080179"   "20020080191"   "20020091728"   "20020116348"   "20020138653"   "20030097381"   "5247611"   "5282128"   "5339410"   "5359729"   "5418902"   "5819293"   "5970506"   "6112214"   "6138130"   "6157934"   "6317758"   "6345284"   "6415305"   "6549878"   "6579324"   "6610102"   "6687875"   "6691281"   "6725422").PN. OR ("6912690").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 10:22
S72	28	S71 and (@ad<"20031209" or @rlad<"20031209")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 10:24
S73	0	S69 and S72	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 10:27
S74	0	S69 and S71	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 10:27
S75	1	XML same spreadsheet same cop\$3 same past\$13 same row	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 17:28
S76	1	XML same spread\$sheet same cop\$3 same past\$3 same row	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 17:35
S77	97	XML same spread\$sheet and cop\$3 and past\$3 and row	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 17:35
S78	75	XML same spread\$sheet and pars\$3 and cop\$3 and past\$3 and row	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 17:36
S79	56	S78 and (@ad<"20031209" or @rlad<"20031209")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/23 18:36
S80	0	S79 and non\$XML	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/23 17:37

## EAST Search History

S81	2	("20050197852").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/03/23 18:34
S82	17	(xml and (spreadsheet\$2)) and (add\$3 near new near row\$1)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/23 18:35
S83	7	S82 and (@ad<"20031209" or @rlad<"20031209")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/23 18:36

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Matthias Nicola, Jasmi John

November 2003 **Proceedings of the twelfth international conference on Information and knowledge management CIKM '03**

Publisher: ACM Press

Full text available:  [pdf\(210.86 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

XML parsing is generally known to have poor performance characteristics relative to transactional database processing. Yet, its potentially fatal impact on overall database performance is being underestimated. We report real-word database applications where XML parsing performance is a key obstacle to a successful XML deployment. There is a considerable share of XML database applications which are prone to fail at an early and simple road block: XML parsing. We analyze XML parsing performance an ...

**Keywords:** DOM, SAX, XML, database, parser, performance, validation**2** [XML parsing and stylesheets: An adaptive, fast, and safe XML parser based on byte sequences memorization](#) Toshiro Takase, Hisashi MIYASHITA, Toyotaro Suzumura, Michiaki TatsuboriMay 2005 **Proceedings of the 14th international conference on World Wide Web WWW '05**

Publisher: ACM Press

Full text available:  [pdf\(274.39 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

XML (Extensible Markup Language) processing can incur significant runtime overhead in XML-based infrastructural middleware such as Web service application servers. This paper proposes a novel mechanism for efficiently processing similar XML documents. Given a new XML document as a byte sequence, the XML parser proposed in this paper normally avoids syntactic analysis but simply matches the document with previously processed ones, reusing those results. Our parser is adaptive since it partially p ...

**Keywords:** SAX, XML parsers, automata**3** [XML: XML screamer: an integrated approach to high performance XML parsing,](#)